Index Volume 39, Numbers 1-30 *Entries signify pictorial and written matter.*

Africa earliest man 94-96; insects 250-252; languages 164-165; Pygmies 102-103 *See also* Algeria; Angola; Congo River; Ethiopia; Ghana; Liberia; Union of South Africa; Victoria Falls
Agriculture Alberta 87, 88, 89; Algeria 46-48; Angola 219, 220; California 99-101, 309; climate changes 158-160; coffee 282-283; corn 224-225; Ethiopia 51-52; Formosa 301, 303, 304; France 40; Germany 140-141; Ghana 128-129; Greece 171, 173; India 63-64; Iran 183-185; Ireland 328-329; Israel 339-341; Japan 134, 136, 137; Kansas 313-317; Laos 202-204; Malaya 26, 28; Mexico 215, 216; Pakistan 72; Portugal 112-113; rice 301, 304; rubber 271; sisal 216; South Africa 123; sugar cane 303; Tasmania 176, 177; Texas 243, 245; tomatoes 308-309; tree farming 58-60; Wisconsin 195
Alberta 85-89
Algae 284-285
Algeria 46-48
Angola 217-221
Animals bear, polar 160; beaver 90-91; buffalo 104, 203; cattle 88, 123, 242-243, 316; copepod 255, 256; coral 253; dolphin 160; goat 45, 310; horses 88, 310, 325; Komodo dragon 13, 20-21; lion 50; moose 160; mules 296; nutria 356-357; oxen 52, 109; pig 328; prairie dog 105; river dwellers 190-191; sheep 47, 96, 279, 328
Archeology earliest man 94-96; Mexico 205-213; Stonehenge 322-324; underwater 49, 54-55
Architecture campanile 316, 317; China 2, 4, 5; colonial 290, 293; Ethiopia 50; Ghana 128; India 62, 65; Kansas State Capitol 317; Malaya 29; Netherlands 19; South Africa 125; Texas 241, 243 *See also* Castles; Dwellings
Arctic regions Spitsbergen 161-163
Arizona beetles 30-31
Asia *See* China; Formosa; India; Indonesia; Iran; Israel; Japan; Laos; Malaya; Pakistan; Singapore
Astronomy stars 234-235
Atomic energy Euratom 16
Australia 278-281; Tasmania 176-177
Austria Salzkammergut 106-108
Aviation B-57 347; F-84 302; tornado hunting 346-347
Beavers 90-91
Birds bald eagle 332-333; ducks 190; fish hawk 191; gulls 238-239; hummingbirds 78-79; swans 8-9
Black Forest 34-36
Boats and ships barges 18, 40, 261, 295, 296, 297; *Bounty* 198-199; Bronze Age ship 54; canoe 192; Chicago 228; *Constitution* (frigate) 155-156; *Cuss I* 331; dugout 294; *Explorer* 116; fishing boat 109-111; *Flying Cloud* 263; freighter 163, 196; hookers 329; ice canoe 174; iceboats 197; icebreaker 118-119; *Liberté* 152; New Orleans harbor 264; *Ouise* 221; Panama Canal 272-273; racing shell 278; rafts 29; *Sagres* 115; shipyard 108, 113; Thames 8; trawler 265-269; *Triton* 192; tug 10; yachts 289
Bombay 68-69
Boston 154-156; trawlermen 265-269
Brazil highway 188-189
Breadfruit 198-199
British Commonwealth *See* Australia; Canada; England; Ghana; India; Malaya; New Zealand; Northern Ireland; Pakistan; Singapore; Union of South Africa; Wales
Buddhism 200-201
C & O Canal 296-297
California 97-101
Canada Great Lakes 118-119; ice canoes 174; Niagara Falls 6-7 *See also* Alberta; Columbia River
Canals C & O 296-297; Panama 272-273
Cascades Wilderness 310-312
Castles Chirk Castle 249; France 38, 40
Caves sacred cave, Mexico 206-211
Central America *See* El Salvador; Guatemala; Panama; Panama Canal
Cheese 44-45
Chicago 226-228
Children Algerian 46; American 56; Chinese 1; Chocó Indian 276; European 13, 15; German 35; Ghanaian 129, 132; Iranian 183; Israeli 337, 340; Jewish 342
China emigrants 233; Peking 1-5 *See also* Formosa
Chlorella 284-285
Christianity 286-288
Civil War Centennial 142-144; Fort Sumter 298-300
Clothing Austria 106-108; Chinese actress 305; Ethiopia 53; Germany 35, 36; Ghana 129; Greece 171; Laos 204; Maori 247; Maya 214
Columbia River 166-168
Communism China 1-5
Confucianism 307
Congo River 10-12
Conservation beaver dams 90-91; erosion 222-223; fish 269; prairies 104-105; rivers 344-345; woodlands 58-60
Corn 224-225
Crafts carving 36; clock making 35; embroidery 135; lantern making 134; Panama hats 216; rugmaking 64, 183; straw "painting" 229
Dams 334-336; beaver dams 90, 91; Grand Coulee 166; Imperial Dam 336; India-Pakistan 71-72; Kariba Dam 334, 335
Dances African 124; Hopi 320; India 61; Japan 137; Malaya 28; Polish 193, 194
Deserts Moçâmedes 219; Negev 339-341; Sahara 46-48
Dinosaurs (Dinosaur National Monument) 82-83
Dwellings Angola 221; Austria 107; California 100; Congo 12; Ethiopia 52; Ireland 327; Laos 202; Malaya 29; Maya 214; Panama 275, 276; White House 145-149
Eagles bald eagle 332-333
Earth crust drilling 330-331; globe 348
Education China 1, 4, 5; European School 15; Ghana 129; Israel 341; Malaya 29; United States, Boston 156, Kansas 317
El Salvador 282-283
Electric eel 175
England Offa's Dyke 248-249; Stonehenge 322-324; swans 8-9
English Channel 152-153
Ethiopia 50-53
Europe Europa 14-17 *See also* Austria; England; France; Germany; Greece;

Dear Subscriber–

Bringing you the weekly *Geographic School Bulletins* is a stimulating experience. We trust we may continue to help you in your important work. However, your subscription has expired if a renewal notice is inserted in this final issue. Please renew immediately to insure receiving on schedule the first valuable issues next fall. (And you can help by telling others about this National Geographic educational publication.) Thank you, and happy vacation!—The Editor.

National Forests Cascades 310-312
National Monuments C & O Canal 296-297; Dinosaur National Monument 83-84; Fort Sumter 298-300
National Parks Canada, Banff 85, 86; United States, Yellowstone 246, 247
Netherlands *Europoort* 17; Rotterdam 18, 19
New Mexico Santa Fe Trail 318-319
New York Niagara Falls 6-7
New Zealand geysers 247
Newport, Rhode Island 290-293
Niagara Falls 6-7
Northern Ireland 326, 327
Norway *See* Spitsbergen
Nutria 356-357
Oceans bottle oceanography 116-117; tidal bore 33
Offa's Dyke 248-249
Oil Alberta 86, 89; Algeria 46, 48; Iran 184; Texas 244
Oregon Timber Carnival 178-180
Pakistan Indus River 71, 72
Panama 272-276
Panama Canal 272-273
Passports 56-57
Photosynthesis 253-257
Plants bananas 276; bluestem grass 105; cactus 31; diatoms 255, 256; poppy 204; *Welwitschia mirabilis* 219 *See also* Agriculture; Trees
Portugal 109-113 *See also* Angola; Henry, Prince
Prairies 104-105
Prehistoric man 94-96
Pygmies 102-103
Religions Buddhism 200-201; Christianity 286-288; Confucianism 307; Druid 324; Eastern Orthodox priest 170; Hinduism 66-67; Islam 186-187; Judaism 342-343; Primitive 320-321; Shintoism 134, 138-139; Taoism 306
Religious shrines cathedrals, Addis Ababa 53, Chartres 40, 277, Mérida 214; El Salvador 283; Kaaba 187; Mont St. Michel 42-43; mosques, Iran 181, 182; sacred cave, Yucatán 206-211; temples, Buddhist 25, Hindu 67; *torii*, Japan 138
Rhode Island Newport 290-293
Rivers 80-81; animal life 190-191; burden bearer 294-295; Clearwater 294; Colorado 336; Columbia 166-168; Congo 10-12; dams 334-336; erosion 222-223; Golden Water 5; Indus 70-72; Jordan 339; Mississippi 295; Mohawk 80; Niagara 6-7; Orinoco 259; pollution 344-345; recreation 354-355; Rio Grande 91; St. Lawrence 174; Snowy 281; Spokane 168; Susquehanna 81; Thames 8; Tuira 276; Yampa 84; Zambezi 335
Rockets and satellites NASA 73-77; Saturn 150-151; *Tiros* 22-24
Rotterdam 18-19
Ruhr 260-261
Salzkammergut 106-108
Santa Fe Trail 318-319
Saturn (rocket) 150-151
Science tree hybridizing 59 *See also* Algae; Geology; Gravity; Mohole project; Photosynthesis; Rockets and satellites; Weather
Shintoism 134, 138-139
Singapore 229-233
South Carolina Fort Sumter 298-300
Space travel *See* Rockets and satellites
Spitsbergen 161-163
Sports America's Cup Race 289, 292; calisthenics 3; horse racing 280; ice-boating 197; ice-canoeing 174; logrolling 180; skiing 32, 47, 97; surf riding 280; tennis 137, 280, 292; water 354-355
Stars 234-235
Statues "Christ of the Andes" 286; Civil War 142; Greek 169; Rotterdam symbol 18
Stonehenge 322-324
Swans 8-9
Sweden 349-353
Taoism 306
Tasmania 176-177
Texas 241-245
Tiros I (satellite) 22-24
Tomatoes 308-309
Tornadoes 346-347
Trade Chicago 227-228; economic union, Europe 14-17; English Channel 152
Transportation bicycles 18; buses, Ghana 130-131; covered wagons 318; EUROP 14-15; pedicabs 2; trains 220, 228, 259, 314 *See also* Boats and ships; Highways
Trees date palm 99; rubber 271; tree farming 58-60 *See also* National Forests
Triton (submarine) 192
Union of South Africa 121-125
Union of Soviet Socialist Republics Spitsbergen 162
United States Great Lakes 118-119 *See also* Arizona; Boston; California; Chicago; Columbia River; History, American; Kansas; National Forests; National Monuments; National Parks; New Mexico; New York; Newport; Oregon; Prairies; South Carolina; Texas; Washington; Wisconsin
Venezuela Cerro Bolívar 258-259
Victoria Falls 126-127
Volcanoes El Salvador 282, 283
Wales Offa's Dyke 248-249
Washington (state) Cascades 310-312
Waterfalls Niagara 6-7; Victoria Falls 126-127
Weapons rifle 262, 263
Weather frost 240; *Tiros I* 23-24; tornadoes 346-347; warming world 157-160
White House 145-149
Wisconsin 193-197
Zoos Frankfurt Zoo 13

UMI

Dear Subscriber